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NEWS 2 Apr 08 "Ask CAS" for self-help around the clock  
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IFIUDB  
NEWS 6 Apr 22 Records from IP.com available in CAPLUS, HCAPLUS, and  
ZCPLUS  
NEWS 7 Apr 22 BIOSIS Gene Names now available in TOXCENTER  
NEWS 8 Apr 22 Federal Research in Progress (FEDRIP) now available  
NEWS 9 Jun 03 New e-mail delivery for search results now available  
NEWS 10 Jun 10 MEDLINE Reload  
NEWS 11 Jun 10 PCTFULL has been reloaded  
NEWS 12 Jul 02 FOREGE no longer contains STANDARDS file segment  
NEWS 13 Jul 22 USAN to be reloaded July 28, 2002;  
saved answer sets no longer valid  
NEWS 14 Jul 29 Enhanced polymer searching in REGISTRY  
NEWS 15 Jul 30 NETFIRST to be removed from STN  
NEWS 16 Aug 08 CANCERLIT reload  
NEWS 17 Aug 08 PHARMAMarketLetter(PHARMAML) - new on STN  
NEWS 18 Aug 08 NTIS has been reloaded and enhanced  
NEWS 19 Aug 09 JAPIO to be reloaded August 25, 2002  
NEWS 20 Aug 19 Aquatic Toxicity Information Retrieval (AQUIRE)  
now available on STN  
NEWS 21 Aug 19 IFIPAT, IFICDB, and IFIUDB have been reloaded  
NEWS 22 Aug 19 The MEDLINE file segment of TOXCENTER has been reloaded  
NEWS 23 Aug 26 Sequence searching in REGISTRY enhanced

NEWS EXPRESS February 1 CURRENT WINDOWS VERSION IS V6.0d,  
CURRENT MACINTOSH VERSION IS V6.0a(ENG) AND V6.0Ja(JP),  
AND CURRENT DISCOVER FILE IS DATED 05 FEBRUARY 2002

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=> file ca, biosis, medline

COST IN U.S. DOLLARS

SINCE FILE

ENTRY

TOTAL

SESSION

0.21

FULL ESTIMATED COST

0.21

FILE 'CA' ENTERED AT 10:20:49 ON 28 AUG 2002

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FILE 'BIOSIS' ENTERED AT 10:20:49 ON 28 AUG 2002

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FILE 'MEDLINE' ENTERED AT 10:20:49 ON 28 AUG 2002

=> s FERM BP-6060

L1 0 FERM BP-6060

=> s lactobacillus helveticus CM4

L2 0 LACTOBACILLUS HELVETICUS CM4

=> s lactobacillus helveticus CM 4

L3 0 LACTOBACILLUS HELVETICUS CM 4

**WEST****Freeform Search****Database:**

US Patents Full-Text Database  
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JPO Abstracts Database  
EPO Abstracts Database  
Derwent World Patents Index  
IBM Technical Disclosure Bulletins

**Term:**

FERM BP-6060

**Display:**

10

Documents in Display Format:

-

Starting with Number

20

**Generate:**  Hit List  Hit Count  Side by Side  Image**Search****Clear****Help****Logout****Interrupt****Main Menu****Show S Numbers****Edit S Numbers****Preferences****Cases**

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**Search History**

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**DATE: Wednesday, August 28, 2002** [Printable Copy](#) [Create Case](#)

<b>Set Name</b>	<b>Query</b>	<b>Hit Count</b>	<b>Set Name</b>
side by side			result set
	DB=USPT,PGPB,JPAB,EPAB,DWPI,TDBD; PLUR=YES; OP=ADJ		
<u>L3</u>	FERM BP-6060	4	<u>L3</u>
<u>L2</u>	lactobacillus helveticus CM 4	0	<u>L2</u>
<u>L1</u>	lactobacillus helveticus CM4	2	<u>L1</u>

END OF SEARCH HISTORY

**WEST****End of Result Set** [Generate Collection](#) [Print](#)

L1: Entry 2 of 2

File: EPAB

Jul 5, 2000

PUB-NO: EP001016709A1

DOCUMENT-IDENTIFIER: EP 1016709 A1

TITLE: LACTOBACILLUS HELVETICUS BACTERIUM HAVING HIGH CAPABILITY OF PRODUCING  
TRIPEPTIDE, FERMENTED MILK PRODUCT, AND PROCESS FOR PREPARING THE SAME

PUBN-DATE: July 5, 2000

## INVENTOR-INFORMATION:

NAME	COUNTRY
YAMAMOTO, NAOYUKI	JP
KAWAKAMI, NATSUE	JP
ISHIDA, YUU	JP
YADA, HIROKAZU	JP

## ASSIGNEE-INFORMATION:

NAME	COUNTRY
CALPIS CO LTD	JP

APPL-NO: EP98901520

APPL-DATE: February 5, 1998

PRIORITY-DATA: JP27794997A (September 26, 1997)

INT-CL (IPC): C12 N 1/20; A23 C 9/123

EUR-CL (EPC): A23C009/137; A23C009/123, C12N001/20, C12R001/225

## ABSTRACT:

CHG DATE=20000802 STATUS=O> There is provided a fermented milk product that contains lactic acid bacteria capable of producing a large amount of lactotripeptide and a large amount of active ingredient having hypotensive activity and anti-stress effect, and that can be taken pleasantly as foods or beverages. Lactic acid bacteria of *Lactobacillus helveticus* having specific bacteriological properties, the bacteria, when cultured in a medium of animal milk containing 9wt% solid of non-fat milk, producing triptides Val-Pro-Pro and Ile-Pro-Pro in an amount of 60 μg in terms of Val-Pro-Pro per ml medium, and the bacteria exhibiting extracellular proteinase activity of not lower than 400U/OD590. *Lactobacillus helveticus* CM4 strain (deposited at National Institute of Bioscience and Human-Technology Agency of Industrial Science and Technology, deposition number FERM BP-6060). A fermented milk product obtained by fermenting an animal milk with these lactic acid bacteria.

**WEST** Generate Collection 

L1: Entry 1 of 2

File: JPAB

Apr 13, 1999

PUB-NO: JP411098978A

DOCUMENT-IDENTIFIER: JP 11098978 A

TITLE: TRIPEPTIDE HIGH PRODUCTIVE LACTOBACILLUS HELVETICUS LACTIC ACID BACTERIUM

PUBN-DATE: April 13, 1999

## INVENTOR-INFORMATION:

NAME	COUNTRY
YAMAMOTO, NAOYUKI	
KAWAKAMI, NATSUE	
ISHIDA, MASARU	
OKUDA, YUICHI	

## ASSIGNEE-INFORMATION:

NAME	COUNTRY
THE CALPIS CO LTD	

APPL-NO: JP09277949

APPL-DATE: September 26, 1997

INT-CL (IPC): C12 N 1/20; A23 C 9/123

## ABSTRACT:

PROBLEM TO BE SOLVED: To obtain lactic acid bacterium strain capable of producing lactotripeptide in large amounts and fermented milk product containing a material having vasodepressor activity and stress alleviating action in large amounts and capable of readily drinking and eating.

SOLUTION: This lactic acid bacterium belongs to *Lactobacillus helveticus*, preferably *Lactobacillus helveticus* CM4 strain (FERM BP-6060). This fermented milk product is obtained by fermenting an animal milk with the above lactic acid bacterium. The lactic acid bacterium and the fermented milk product each have specific mycological properties and produce tripeptide Val-Pro-Pro and/or Ile-Pro-Pro in an amount of &infin;60 &mu;g/m expressed in terms of Val-Pro-Pro and exhibit &ge;400 U/OD590 extracellular protease activity when the bacterium is cultured by using animal milk containing &ge;9 wt.% solid non fat as culture medium.

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